WHAT IS CLAIMED IS:

1. A panel unit comprising a window glass panel, and a frame continuously formed on a peripheral edge of said window glass by extrusion molding and simultaneously bonded to the peripheral edge of said window glass panel, said frame being formed on the peripheral edge of said window glass panel so as to cover a part of the upper and lower surfaces and the end surface of said window glass panel.

2. The panel unit as defined in claim 1, wherein said frame is formed on the peripheral edge of said window glass panel so that the external dimension of the panel unit corresponds to a predetermined value.

3. A method of manufacturing a panel unit including a window glass panel, and a frame mounted on a peripheral edge of said window glass panel, said method comprising the steps of:

providing a window glass panel;

preparing molding die means having an extrusion port for extruding a molding material forming said frame, said extrusion port having an inner circumferential surface configured to a cross section of a frame to be mounted on the peripheral edge of said window glass panel, and an open side surface shaped to externally receive the peripheral

edge of said window glass panel;

inserting a part of the peripheral edge of said window glass panel into said open side surface of said extrusion port to form a molding space defined by the peripheral edge of said window glass panel and the inner circumferential surface of said extrusion port, said molding space corresponding to the cross section of said frame and having an opening;

extruding said molding material from said extrusion port of said molding die means into said molding space; and

providing continuous movement of said window glass panel relative to said molding die means so that the extrusion port of said molding die means is virtually moved around the peripheral edge of said window glass panel, thereby forming said frame covering end surface and a part of the upper and lower surfaces of said window glass and extending along the peripheral edge of said window glass.

4. The method as defined in claim 3, wherein said window glass panel is controlled so that the extrusion port of said molding die means is virtually moved along a predetermined orbital path around the peripheral edge of said window glass panel, thereby forming said panel unit of which the external dimension corresponds to a predetermined value.

5. The method as defined in claim 3, wherein said window glass panel is cotrollably tilted so that the peripheral edge thereof maintains a constant angle to said molding die means when it is inserted into said extrusion port, thereby forming said frame extending at a constant angle to the upper surface of said window glass panel.

6. The method as defined in [any one of] claims 3 to 5, wherein said step of extruding said molding material is carried out simultaneously with said step of providing the continuous relative movement, thereby continuously forming said frame on the peripheral edge of said window glass panel and simultaneously bonding said frame to the peripheral edge of said window glass panel.

7. A panel unit comprising a window glass panel, and a frame continuously formed on a peripheral edge of said window glass panel to cover a part of the upper and lower surfaces and the end surface of said window glass panel, produced by a process comprising the steps of:

providing a window glass panel;

preparing molding die means having an extrusion port for extruding a molding material forming said frame, said extrusion port having an inner circumferential surface

configured to a cross section of a frame to be mounted on the peripheral edge of said window glass panel, and an open side surface shaped to externally receive the peripheral edge of said window glass panel;

inserting a part of the peripheral edge of said window glass panel into said open side surface of said extrusion port to form a molding space defined by the peripheral edge of said window glass panel and the inner circumferential surface of said extrusion port, said molding space corresponding to the cross section of said frame and having an opening;

extruding said molding material from said extrusion port of said molding die means into said molding space; and

providing continuous movement of said window glass panel relative to said molding die means so that the extrusion port of said molding die means is virtually moved around the peripheral edge of said window glass panel, thereby forming said frame covering end surface and a part of the upper and lower surfaces of said window glass and extending along the peripheral edge of said window glass.

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